

Model: M4A-J6412

CPU: Onboard 10nm Elkhart Lake Intel Celeron J6412 2.0GHz Quad Cores Four Threads Max 2.6GHz(Turbo boost Technology) TDP 10W 1.5MB Cache Intel® UHD Graphics.

Model: M4A-N100

CPU: Onboard Intel® Alder Lake 12th Gen N100 4 Cores 4 threads 0.8GHz up to 3.4 GHz TDP 6W 6MB Intel Smart Cache Intel® UHD Graphics Intel7 24EUS

Product Highlight:

- Support 2 x HDMI 1.4+DP 1.2 Three display output synchronously.
- 2 x RJ45 Giga LANs and 2 x RS232 COM.
- Full Aluminum Alloy Black color shell, Exquisite production craft on outside design with high quality and stable performance, slim dimension 135*127*38.7MM.
- Fanless system without cooling fan, no any noise, work as long as 24 hours.
- Low consumption TDP only 10W, save much energy and eco-friendly.
- Can be mounted back of monitor or wall by the optional VESA mount.



Basic Information:

CPU	Onboard Intel Celeron J6412/ Intel Alder Lake Gen12 N100
TDP	Refer to CPU
Motherboard	120 x 120mm customized size
BIOS	American Megatrends Inc
Chipset	Elkhart Lake
Memory	1* SO-DIMM DDR4 Slot Support 4GB/8GB DDR4-2133, LPDDR3-1866, DDR3L-1600
OS	Windows 10/Linux/WES10
PXE	YES
Audio	Intel High Definition Audio Controller
Network	2 x Realtek 811H Gigabit Ethernet Controller 10/100Mbps/1000Mbps BaseT LAN
Video	Intel® UHD Graphics

Input/output port:

Switch	1 x Power On/Off Switch
Power	1 x 12V DC In
USB	2 x USB2.0, 2 x USB3.0
Display	2 x HDMI 1.4, 1 x DP 1.2
LAN	2 x RJ45 Giga LAN
Audio	1 x MIC, 1 x SPK
COM	2 x DB9 RS232 COM

Storage:

MSATA	1 x M-SATA3.0 slot for MSATA SSD, support 6Gb/s
M.2	1 x M.2 slot for NVME 2280 SSD
SATA	1 x SATA3.0 slot for SATA HDD or SSD, , support 6Gb/s

Wi-Fi:

Module	1 x M.2 2230 slot for Wi-Fi & Bluetooth module
Antenna	2 x inner RF cables and 2 x external antennas

Power and Working Environment:

Input	100-240V AC/50-60Hz
Output	12V~+19V, recommend 12V/5A
Operating Temperature	-20°C/+60°C
Storage Temperature	-30°C/+70°C
Relative Humidity	10%~90% @30°C(non-condensing)

Product Dimension & Details:

Size	135*127*38.7mm
Weight	Net 0.8kg, Gross 1kg
Shell	Black color aluminum alloy(any customized color for bulk order)
Cooling Mode	Fanless
Functions	Watchdog, Auto power on, Wake-On-LAN, PXE

Package Content :

Standard	1xMini PC, 1xPower Adapter, 1xPower Cord, 1xScrews Bag
Optional	Wi-Fi antennas, 1xHDMI cable, 1xUser Manual, 1xVESA mount

